

Title (en)  
COMPRESSIBLE UV-ACTIVATABLE OR THERMALLY ACTIVATABLE (SEMI-) STRUCTURAL ADHESIVE FILM THAT CHANGES COLOR AFTER ACTIVATION AND AFTER CURING

Title (de)  
KOMPRIMIERBARER, UV- ODER THERMISCH AKTIVIERBARER (SEMI-) STRUKTURELLER KLEBEFILM MIT FARBUMSCHLAG JEWELLS NACH AKTIVIERUNG UND AUSHÄRTUNG

Title (fr)  
FILM ADHÉSIF (SEMI)STRUCTURAL COMPRESSIBLE, ACTIVABLE PAR UV OU THERMIQUEMENT, PRÉSENTANT UN CHANGEMENT DE COULEUR RESPECTIVEMENT APRÈS ACTIVATION ET DURCISSEMENT

Publication  
**EP 3994227 A1 20220511 (DE)**

Application  
**EP 20739594 A 20200703**

Priority  
• DE 102019004662 A 20190705  
• EP 2020068910 W 20200703

Abstract (en)  
[origin: WO2021004976A1] The invention relates to an adhesive film that can be wound and punched, comprising an epoxy-based adhesive compound that can be activated by UV radiation or thermally and an expandable filler admixed to the adhesive compound to produce an adhesive film that is compressible when not yet cured.

IPC 8 full level  
**C09J 11/06** (2006.01); **C08L 63/00** (2006.01); **C09J 7/10** (2018.01); **C09J 7/38** (2018.01); **C09J 163/00** (2006.01)

CPC (source: CN EP US)  
**C08G 59/226** (2013.01 - EP); **C08G 59/68** (2013.01 - EP); **C08K 5/0041** (2013.01 - EP US); **C08K 5/23** (2013.01 - EP);  
**C08L 63/00** (2013.01 - EP); **C09J 7/10** (2018.01 - CN EP US); **C09J 7/35** (2018.01 - CN US); **C09J 7/38** (2018.01 - CN EP);  
**C09J 11/06** (2013.01 - CN US); **C09J 163/00** (2013.01 - CN EP US); **C08G 2650/60** (2013.01 - EP); **C09J 2301/302** (2020.08 - EP);  
**C09J 2301/304** (2020.08 - CN US); **C09J 2301/408** (2020.08 - CN EP US); **C09J 2301/412** (2020.08 - CN EP);  
**C09J 2301/416** (2020.08 - CN EP US); **C09J 2463/00** (2013.01 - CN EP)

C-Set (source: CN EP)  
CN  
**C09J 163/00 + C08L 71/00 + C08K 5/0041 + C08K 5/23**  
EP  
1. **C08K 5/0041 + C08L 63/00**  
2. **C08K 5/23 + C08L 63/00**  
3. **C09J 163/00 + C08L 63/00 + C08L 63/00**  
4. **C08L 63/00 + C08L 63/00 + C08L 71/00**

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102019004662 A1 20210107**; CN 114080438 A 20220222; CN 114080438 B 20240326; EP 3994227 A1 20220511;  
US 2022380642 A1 20221201; WO 2021004976 A1 20210114

DOCDB simple family (application)  
**DE 102019004662 A 20190705**; CN 202080049176 A 20200703; EP 2020068910 W 20200703; EP 20739594 A 20200703;  
US 202017624903 A 20200703